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October 2, 2003

ATTORNEY DOCKET NO.: **04329.3156**

18384

U.S. PTO
100203

MAIL STOP PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

New U.S. Patent Application

Title: **QUANTUM COMMUNICATION APPARATUS AND QUANTUM
COMMUNICATION METHOD**

Inventors and Addresses:

- 1) **Kouichi ICHIMURA**
Yokohama-shi, Japan
- 2) **Noritsugu SHIOKAWA**
Yokohama-shi Japan

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application - 69 pages, including 1 independent claim and 13 claims total.
2. Drawings - 10 sheets of formal drawings containing 15 figures.
3. Certified copy of Japanese Patent Application No. 2002-290107, filed on October 2, 2002.
4. Information Disclosure Statement and Information Disclosure Citation, PTO 1449 with document attached.
5. The filing fee is calculated as follows:

| Basic Application Filing Fee | | | | | \$770 | \$ 770.00 |
|--|------------------|---|-------|--------------|--------|-----------|
| | Number of Claims | | Basic | Extra Claims | | |
| Total Claims | 13 | - | 20 | 0 | x \$18 | \$ |
| Independent Claims | 1 | - | 3 | 0 | x \$86 | \$ |
| <input type="checkbox"/> Presentation of Multiple Dep. Claim | | | | | +\$290 | |
| Subtotal | | | | | \$ | 770.00 |
| Reduction by 1/2 if small entity | | | | | | - |
| TOTAL APPLICATION FILING FEE | | | | | \$ | 770.00 |

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6. A check for \$770.00 is enclosed for filing fee.

This application is being filed under the provisions of 37 C.F.R. § 1.53(f). Applicants await notification from the Patent and Trademark Office of the time set for filing the Declaration.

Applicants claim the right to priority based on Japanese Patent Application No. 2002-290107, filed on October 2, 2002.

Please address all correspondence with respect to this application to:

**Finnegan, Henderson, Farabow,
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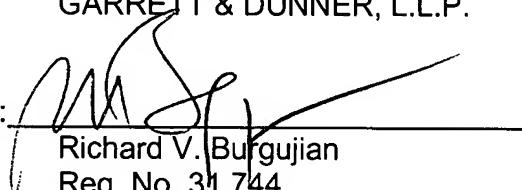
Please accord this application an application number and filing date.

The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

**FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.**

By:


Richard V. Burgujian
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RVB/FPD/sci
Enclosures